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OCD-M75-420
28 November, 1975

MEMORANDUM FOR: [REDACTED]

COTR

STATINTL

SUBJECT : Cabling Requirements for the Telemetry Analysis and Display System Project

REFERENCE : (A) OJCS-4429-75 dated 21 November 1975, same subject.

(B) OJCS-4151-75 dated 5 November 1975, same subject.

1. In response to the request stated in the references and as a follow up to our various conversations on this subject, this memorandum confirms that [REDACTED] Engineering Staff places no cabling restrictions on the forth coming TADS installation.

2. As a result of our brief investigation both within the Office of Communications and with several vendors, I would suggest that the TADS RFP request the various bidder's to consider the use of twisted pair telephone cable as the interconnecting medium for the components of the TADS System. The present Headquarters DDG utilizes standard telephone cable (TEL-CU series, multi-pair Superior cable). This cable has an overall shield and consists of 50 unshielded pairs of 24 gauge copper wire.

3. I further suggest that the TADS RFP indicate a preference for operation at the standard T-1 rate of 1.544 Mbps. This data rate is becoming a standard in our present communications system in the Washington area.

4. I have made arrangements to obtain equipment on loan and test this equipment on the DDG at a rate of 920Kbs. The vendor has indicated this equipment is capable of operating at a full 1Mbs rate and perhaps higher. If this test is satisfactory I would anticipate using this equipment on the DDG for those systems that require operational data rates in excess of 4800BPS.

5. Finally I would like to suggest that we continue to discuss TAD requirements with other components within the Office of Communications that would be concerned with the technical and COMSEC aspects of TADS. I am available at your convenience to arrange a meeting with appropriate OC personnel. You can reach me on red line [REDACTED]

STATINTL

[REDACTED]
C/OC-U/D/ES

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1 - Hold

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OC-O/D/ES

26NOV75

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OJCS-4429-75
21 November 1975

STATINTL

MEMORANDUM FOR: [REDACTED] OC-0/D/ES

SUBJECT : Cabling Requirements For The Telemetry Analysis
And Display System Project

REFERENCE : Memo, OJCS-4151-75, same subject, dated 5 November
1975

1. As a follow-up to the requirements and request of the referenced memorandum (copy attached) and our several conversations, I am planning to place no cabling restrictions on the TADS contractor. Non-shielded plane wire, twisted pair or coaxial cable are, to my understanding, acceptable to [REDACTED]

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2. If [REDACTED] feels this above understanding should be modified, I request your response by 26 November 1975.

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[REDACTED]
TADS Procurement Team

Attachment: A/S

Distribution:

- Orig - Adse
- 1 - TADS Project File
- 1 - TADS Chrono
- 1 - OJCS Registry

DDA/OJCS/AD/AB: [REDACTED] rf/6001 (21 November 1975)

STATINTL

OJCS-4151-75
5 November 1975

MEMORANDUM FOR: [REDACTED] OC-O/D/ES

SUBJECT: [REDACTED] Cabling Preferences for the Telmetry Analysis
and Display System (TADS)

1. As a follow-up to our conversations I am requesting direction from [REDACTED] as to the cabling specifications which you feel should be outlined in the TADS RFP. The RFP is to be released by the first week of December 1975. I would appreciate your response by 12 November 1975.

2. TADS requires 1 megabit/second transmission over the maximum distance between two points within the Headquarters building. [REDACTED] is requested to lay the cable at the time of TADS implementation (approximately November 1977). The Contractor, however, will provide the cabling to meet your specifications.

3. On one end of the cabling will be an IBM 360/67 computer and on the other a CRT Graphic Work Station. Both of these equipment are able to handle the data rate.

4. You may have several solutions to the TADS cabling requirement. Please put them in priority order and provide the specifications for each.

[REDACTED]
TADS Procurement Team

Distribution:

Orig - Addressee
1 - Project File
1 - TADS Chrono

DDA/OJCS/AD/A [REDACTED] rrf/6091 (5 November 1975)

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ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Cabling Requirements for the Telemetry Analysis and Display System Proj.

FROM:

OC-0/D/ES

1B04

Headquarters

EXTENSION

NO.

DATE

26 November, 1975

STATINTL

TO: (Officer designation, room number, and building)

C/OC-CS

DATE

RECEIVED

FORWARDED

OFFICER'S
INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1. COMSEC
612 E
Magazine Building

1 DEC 1975

2. Attention:

3.

4.

5.

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15.

Ed,
Do we agree
with this?

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FORM
2-62

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